

CLIMATOLOGICAL DATA FOR APRIL, 1911.

DISTRICT No. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

There was a lack of rain over a large part of the district and at all but a few of the stations the mean temperature was somewhat below the normal. However, the month as a whole did not differ materially from many others of the same name. Usually in April the meteorological conditions are rather unstable, and frequently the warm and cool waves and the areas of wet and of dry weather have a character that may be termed local when compared with a territory as large as the Missouri River drainage area. As a rule, the weather was favorable for outdoor pursuits, although, on account of deficient precipitation for several months in some of the territory at a greater elevation than 2,000 feet, the ground in some localities was too dry for the most favorable progress of farm work, and in the grazing country the grass was not starting as rapidly as it should. Active operations were resumed on the Government irrigation projects. Those reservoirs into which water has been turned are, on account of the low stages of the streams, not receiving as much as would be considered a normal flow. At the end of the month fruit prospects were good, for the development of all vegetation had been rather slow; there was no especially warm weather, either during March or April, that lasted long enough to advance fruit to a stage in which it could be hurt by moderately late frosts.

TEMPERATURE.

The few stations at which there was a temperature excess for the month are confined to no particular part of the district. More of them are in South Dakota than in any other State of the drainage area, but in each of the other States there is at least one station that had a monthly mean temperature somewhat above the normal. The deficiency in temperature was due to no particularly severe weather, but more especially to continued periods during which the temperatures were only slightly below the normal. There were several cold periods during the first 14 days and in most of them freezing temperatures reached as far eastward as the mouth of the Missouri River. After the 14th the weather was moderately warm until the 28th, when a high-pressure area moved southeastward along the Rocky Mountain slope; by the 30th it had reached the western counties of Kansas and Nebraska and was giving temperatures below the freezing point. On the 30th, however, it began to decrease materially in intensity and the temperature began to rise. On the 16th, 17th, and 18th a warm wave covered the eastern part of South Dakota and Iowa, but was not felt to any particular extent outside of this territory. On

the 25th the only general warm wave of the month appeared over Montana. It spread eastward gradually and its full effects were not felt over Missouri until the 30th.

PRECIPITATION.

The precipitation was well distributed through the month. It was generally light until the 26th-27th, when an atmospheric depression appeared over the lower portion of the drainage area and gave fairly heavy rains in extreme northeastern Colorado, extreme northwestern Kansas, most of western Nebraska, southeastern South Dakota, southwestern Iowa, and in the southern half of Missouri. The heaviest falls were over the Missouri Valley to the east of Kansas City and over the watersheds of the Osage and Gasconade Rivers in Missouri, where precipitation was almost continuous from the 27th to the 30th, inclusive. At Marshall, Mo., in the western half of the State and about 15 miles south of the Missouri River, 4.27 inches fell in 24 consecutive hours. In practically every part of the drainage area, except the sections affected by this storm, the total amount of rain for the month was less than the normal. There was snow throughout the district; most of it fell during the early days of the month. It amounted to but little more than a trace in the country below Omaha, but from Omaha westward and northward it was heavier, and some quite heavy falls occurred in the mountains.

SEVERE LOCAL STORMS.

On the morning of the 12th an area of low atmospheric pressure covered the western two-thirds of Kansas and Nebraska; it was moving east-northeastward and by sunset the center of the disturbance was between Omaha, Nebr., and Sioux City, Iowa. During the late afternoon several local storms that were severe and had well-marked tornadic characteristics occurred in northeastern Kansas and extreme southeastern Nebraska. There was considerable damage to property. At Lawrence, Douglas County, Kans., two persons were killed and nine injured, and about 2 miles west of Horton, Brown County, Kans., three persons were killed, one having been struck by lightning about 15 minutes before the occurrence of the damaging wind.

By the morning of the 13th the barometric conditions had changed materially; an area of high pressure covered most of the territory to the east of the Mississippi River and the northwestern quarter of the country was covered by a second high-pressure area. There was a trough of low pressure over Missouri, and in this trough there were several severe local storms during the afternoon, but in none of them was there a pronounced tornadic

formation. Probably the most damaging of these storms occurred over the western and northern portions of St. Louis, where there was great loss caused by the heavy hail. Thousands of window glasses were broken, and gardeners and florists suffered heavily, the loss to the latter being especially severe on account of the nearness of Easter. The wind apparently was not of destructive strength, except in the northern part of the city, and even there great damage was limited; the greatest loss was sustained by the Burlington Elevator Co.; their elevator was partially wrecked and some of the wreckage was blown into the river. About a dozen people were injured by broken glass, falling débris, etc., and three were killed by the storm indirectly. One of the three died from fright, another was electrocuted, and the third was killed by a runaway.

RIVERS.

The rivers throughout the district were abnormally low. There was a slight rise in the Missouri during the first days of the month, and at Hermann, Mo., 103 miles from the mouth of the river, there was an increase from 5 feet on the 1st to the moderate stage of 13.2 feet on the 6th. This rise passed into the Mississippi on the 7th, and decreasing stages were general until the 16th-17th, when a wave of minor importance was received from the Gasconade, and from the mouth of the Gasconade to the confluence of the Missouri and the Mississippi the fall was checked for two or three days. After this a second gradual fall was general until the rains during the latter part of the month caused a slight rise to set in on the 29th-30th.

TABLE 1.—Climatological data for April, 1911. District No. 6, Missouri Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Number of rainy days, 0.1 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.					
<i>Wyoming.</i>																			
Barnum.	Johnson.	5,500	6	44.0	- 3.6	77	27	11	6	47	1.09	+ 0.42	0.40	9.0	6	16	8	w.	
Basin.	Big Horn.	3,862	12	44.0	- 3.6	77	27	11	6	47	1.03	+ 0.42	0.43	0	3	16	5	nw.	
Bennett.	Carbon.	2																Thos. Freeguard.	
Big Creek Station.	do.	7,500	2	36.4	- 0.2	65	26	1	13	39	1.32	- 0.30	0.56	12.0	7	9	12	sw.	
Casper.	Natrona.	5,101	2	46.2	- 0.2	79	1	10	13	30	0.90	- 0.50	0.50	16.0	3	13	6	sw.	
Centennial.	Albany.	8,074	8	37.2	- 0.2	65	28	9	13	35	0.88	- 0.23	0.23	9.1	13	6	8	w.	
Cheyenne.	Laramie.	6,088	40	41.4	- 0.2	71	26	14	15	40	1.93	+ 0.08	1.28	10.6	8	17	7	nw.	
Chugwater.	do.	5,282	10	43.2	0.0	74	21†	5	15	51	0.80	- 0.88	0.40	9.0	3	16	11	n.	
Clark.	Park.	4,320	5	41.6	-	71	26	7	6	39	0.91	-	0.69	8.5	6	10	8	12	
Cody.	do.	5,000	4	42.8	-	72	25†	5	6	44	1.05	-	1.05	10.5	1	7	17	w.	
Crazy Creek.	do.	6,828	30.2	59	26	-	6	14	49	0.48	-	0.22	1.7	5	10	2	18		
Dome Lake.	Sheridan.	8,821	3	28.4	-	25	26	2	14	36	3.00	-	1.10	30.0	10	9	12	sw.	
Douglas.	Converse.	4,793	2	42.2	-	75	26	6	5	44	2.38	-	0.90	8				Henry C. Miller.	
Dubois.	Fremont.	6,909	4	35.4	-	67	26†	4	14	41	0.75	-	0.29	4.5	6	12	12	w.	
Eatons Ranch.	Sheridan.	4,600	6	43.6	-	77	26	12	57	42	1.11	-	0.43	11.5	7	15	11	w.	
Echeta.	Crook.	4,200	2	-	-	-	-	-	-	-	1.72	-	0.60	6.0	4	13	8	n.	
Elk Mountain.	Carbon.	6									1.14	-	0.45	22.5	6			Wm. Richardson.	
Encampment.	do.	7,322	2	38.8	-	65	26	10	13	35	1.32	-	0.80	6	11	10	8	U. S. Forest Service.	
Erway.	Natrona.	6,400	2	38.6	-	70	26	0	14	40	0.87	-	0.34	6	11	12	7	Frank Jameson.	
Ft. Laramie.	Laramie.	4,270	33	45.2	- 0.2	79	27	9	61	43	1.13	- 0.39	0.60	5	18	11	1	John Hunton.	
Fox Park.	Albany.	9,015	1	27.8	-	54	26	- 12	8	50	1.00	-	0.90	10.0	2			U. S. Forest Service.	
Gillette.	Crook.	4,646	5	40.9	-	72	26	11	6	39	1.25	-	0.38	8.7	4	21	2	7	S. D. Perry.
Hunters Station.	Johnson.	8,000	5	30.0	-	62	26	- 4	14	42	2.16	-	0.48	23.0	9	19	1	10	U. S. Forest Service.
Hyattville.	Big Horn.	4,632	12	43.7	- 2.5	81	26	10	6	42	0.33	-	0.25	4.0	3	14	8	9	Wm. Booth.
Jireh.	Converse.	5,050	1	-	-	-	-	-	-	-	1.52	-	0.82	9.0	5	13	12	5	P. L. Ford.
Kirkley.	do.	7	42.4	-	74	26†	9	13	44	1.11	-	0.90	6.0	6	18	6	6	D. M. Zum Brunnen.	
Knowles.	Crook.	4,500	2	-	-	-	-	-	-	-	1.18	-	0.76	11.4	4			Geo. A. Knowles.	
La Grange.	Laramie.	4,510	1	-	-	-	-	-	-	-	1.38	-	1.01	12.0	5	21	4	5	Owen Shupp.
Lander.	Fremont.	5,372	19	41.4	- 0.8	73	26	8	6	43	0.88	- 1.58	1.16	8.8	8	13	4	3	U. S. Weather Bureau.
Laramie.	Albany.	7,188	20	38.8	+ 1.0	68	26	10	6	40	1.02	- 0.06	0.65	10.3	6	25	4	1	University of Wyoming.
Leo.	do.	6,578	10	36.3	- 2.7	68	26	6	13	35	0.72	- 0.16	0.27	1.5	8			C. A. Cowdin.	
Lolaborna Ranch.	Park.	7,052	7	34.6	-	64	26	- 1	15	60	0.22	-	0.10	5.0	4	8	11	11	Mary E. Painter.
Lovell.	Big Horn.	3,825	6	47.6	-	75	26	10	67	48	1.32	-	1.13	2.0	6	10	12	8	R. Fred Harrison.
Lusk.	Converse.	5,007	21	-	-	-	-	-	-	-	1.30	-	0.60	6	15	6	9	D. E. Goddard.	
Manville.	do.	5,050	1	-	-	-	-	-	-	-	2.30	-	1.05	13.0	6	15	6	9	C. A. Sherman.
Moore.	Albany.	6,000	10	42.0	- 0.7	72	27	9	6	46	0.21	- 1.22	0.06	4	12	11	7	w.	
Newcastle.	Weston.	4,319	4	43.4	-	78	28	10	6	42	1.89	-	0.74	3.5	6	14	11	5	Edwin Moore.
Pathfinder.	Natrona.	5,735	5	42.0	-	74	26	10	13	42	1.63	-	1.40	17.0	6	15	11	4	Dr. S. W. Johnson.
Phillips.	Laramie.	4,900	8	45.2	-	78	26	11	14	44	1.40	-	0.80	14.0	2	17	8	5	U. S. Reclamation Service.
Powell.	Park.	4,376	4	42.0	-	74	26	7	6	49	0.98	-	0.82	0.2	4	12	14	4	Mrs. Arthur Rugg.
Rawlins.	Carbon.	6,748	9	40.8	-	69	26	13	13	38	0.78	-	0.22	2.0	6	13	4	w.	
Saratoga.	do.	6,785	13	40.5	- 0.3	68	26	13	13	43	0.76	-	0.48	3.5	5			E. J. Ehrenfeld.	
Sheridan.	Sheridan.	3,790	16	42.1	- 1.3	78	25	4	6	48	0.83	- 0.75	0.40	2.0	4	10	13	7	G. Frederic Clark.
Shoshone Dam.	Park.	5,385	5	42.0	-	74	26	4	6	45	0.33	-	0.33	6.0	1	14	10	6	U. S. Weather Bureau.
Soldiers Home.	Johnson.	4,635	19	43.0	- 1.3	73	26	8	6	39	1.55	+ 0.27	0.27	10.0	3	6	20	4	U. S. Reclamation Service.
South Pass City.	Fremont.	7,873	9	31.0	-	60	26	- 3	14	42	0.50	-	0.27	3.6	7	11	7	12	John Sherlock.
Thermopolis.	do.	4,350	7	44.0	-	78	26	13	14	53	0.96	-	0.39	4.3	8	15	10	5	A. L. Duhig.
Upton.	Weston.	2																G. E. McPherrin.	
Valley.	Park.	6,500	2	-	-	-	-	-	-	-	0.47	-	0.18	6.5	4	13	9	8	James L. McLaughlin.
Verona.	Sheridan.	4,360	2	-	-	-	-	-	-	-	0.50	-	0.39	2.0	2	5	21	4	se.
Waints Ranch.	Carbon.	7,400	1	-	-	-	-	-	-	-	0.69	-	0.30	3.5	11	10	14	6	Ira G. Wiant.
Woodrock.	Sheridan.	-	-	-	-	-	-	-	-	-	-	-	-					U. S. Forest Service.	
Worland.	Big Horn.	-	-	-	-	-	-	-	-	-	-	-	-					Harry S. Smith.	
Wyncote.	Laramie.	4,207	4	45.6	-	78	21	12	6	53	0.04	-	0.03	13.0	6	19	6	5	U. S. Reclamation Service.
Yellowstone Park.	Yellowstone Park.	6,200	23	34.2	- 2.8	60	26	5	13	32	1.40	+ 0.02	0.77	12.7	11	7	16	7	sw.
(1) Fountain.	do.	7,220	5	30.2	-	59	26	- 8	14	47	0.85	-	0.30	8.0	6	24	0	6	U. S. Weather Bureau.
(2) Gallatin.	do.	7,900	4	27.6	-	53	25†	- 10	14	55	1.78	-	0.51	21.6	8	11	11	8	U. S. Army.
(3) Grand Canyon.	do.	7,733	7	-	-	-	-	-	-	-	0.81	-	0.51	21.6	8	11	11	8	Do.
(4) Lake Yellowstone.	do.	7,525	7	28.2	-	56	26	- 19	14	51	2.24	-	0.73	18.5	7	13	5	12	Do.
(5) Norris.	do.	-	-	-	-	-	-	-	-	-	-	-	-					Do.	
(6) Riverside.	do.	6,500	5	-	-	-	-	-	-	-	-	-	-					Do.	
(7) Soda Butte.	do.	7,000	6	33.6	-	61	26	- 2	14	43	1.08	-	0.98	12.0	2	17	7	6	Do.
(8) Sylvan Pass.	do.	7,000	4	-	-	-	-	-	-	-	-	-	-					Do.	
(9) Thumb.	do.	7,772	5	32.0	-	60	26	- 8	12†	38	2.15	-	1.02	28.6	7	13	3	14	w.
(10) Tower Falls.	do.	6,250	2	31.5	-	63	25	- 4	13†	59	0.11	-	0.08	1.2	3	17	2	11	Do.
(11) Upper Geyser Basin.	do.	7,395	7	25.8	-	43	28	- 11	14	41	0.95	-	0.20	5.5	7	18	2	10	Do.
<i>Montana.</i>																			
Adams.	Dawson.	3	40.0	-	84	27	6	6	53	1.11	-	0.59	2.5	4	12	10	8	nw.	
Adel.	Cascade.	5,200	13	36.8	- 3.2	69	25	2	4	42	1.81	- 0.08	0.57	9.5	9	13	7	10	Mrs. B. F. Burch.
Agricultural College.	Gallatin.	4,700	14	38.6	- 1.9	68	25	15	12	38	0.83	- 0.12	0.83	7	8	15	5	9	Prof. E. Burke.
Augusta.	Lewis and Clark.	4,071	13	36.8	- 5.2	71	25	1	4†	51	0.84	- 0.20	0.84	5.0	7	18	5	9	C. C. Covington.
Babs.	Teton.	4,461	5	35.1	-	64	21	- 3	4	45	0.70	-	0.28	11.3	6	13	13	4	sw.
Baldbutte.	Lewis and Clark.	6,500	5	-	-	-	-	-</td											

TABLE 1.—Climatological data for April, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Number of rainy days.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeasured.	Number of clear days.							
<i>Montana—Continued.</i>																						
Clydepark.	Park.	1	38.8	73 ^a	24	2	4	44	0.26	1.25	0.67	3.5	9	10	7	13	sw.	I. S. Martine.	Dr. T. B. Marquis.			
Conrad.	Teton.	6	38.8	73 ^a	24	2	4	44	0.22	1.25	0.69	5.5	19	5	6	6	w.	O. Harris.	F. A. Server.			
Copper.	Meagher.	3,041	30	43.0	85	27	5	5	44	0.72	0.50	3.0	4	8	15	2	7	nw.	G. H. Coulter.	C. N. Thomas.		
Crow Agency.	Rosebud.	1,927	8	43.0	85	27	5	5	44	0.72	0.50	3.0	4	8	15	2	7	w.	A. Anderson.	A. Anderson.		
Culbertson.	Valley.	3,700	12	39.0	-0.5	73	21	3	4	41	0.12	0.80	0.13	1.5	1	20	2	8	sw.	P. J. Greisenauer.	P. J. Greisenauer.	
Cut Bank.	Teton.	3,400	7	39.3	74	25	5	5	39	1.43	0.64	7.7	11	9	12	9	9	w.	Prof. J. E. Monroe.	J. E. Monroe.		
Decker.	Rosebud.	3,500	3	44.7	+ 1.4	70	8	12	14	45	1.33	-0.61	0.71	5.0	8	11	11	11	sw.	Lewis Cameron.	Lewis Cameron.	
Denton.	Fergus.	5,147	14	44.6	85	27	13	3	40	1.62	0.47	9.0	11	11	11	8	8	w.	J. C. Stuart.	J. C. Stuart.		
Dillon.	Beaverhead.	6,000	2	43.0	85	27	13	3	40	1.20	0.48	4.5	7	8	15	7	7	sw.	Mrs. R. J. Eveleth.	Mrs. R. J. Eveleth.		
Dirty Creek.	Meagher.	5,500	2	43.0	85	27	13	3	40	0.91	0.35	7.3	8	13	11	6	6	sw.	John Eberhart.	John Eberhart.		
Dry Creek.	Broadwater.	6,000	2	43.0	85	27	13	3	40	0.68	0.38	8.3	6	11	11	8	8	w.	William Preese.	William Preese.		
Dry Wolf Camp.	Cascade.	6,000	3	43.0	85	27	13	3	40	0.35	0.30	3.9	3	11	7	12	12	w.	Jas. Heagan.	Jas. Heagan.		
East Gallatin River.	Gallatin.	11	44.8	+ 1.2	83	27	10	5	46	0.26	-0.45	0.07	6	18	9	12	9	9	sw.	H. Thrasher.	H. Thrasher.	
Ekalaka.	Custer.	6,576	3	42.2	70	26 ^f	6	5	39	2.10	1.10	0	8	12	9	9	9	sw.	Mrs. A. C. Gifford.	Mrs. A. C. Gifford.		
Fallon.	Cascade.	4,900	4	44.6	85	27	13	3	40	0.41	0.13	0	4	17	6	7	7	w.	O. B. Tilton.	O. B. Tilton.		
Fish Creek.	Custer.	2,203	7	44.6	85	27	13	3	40	0.68	1.18	41.4	9	8	9	13	13	w.	Alta Williams.	Alta Williams.		
Flathead Creek.	Silver Bow.	8,500	2	30.6	54	25 ^f	6	12 ^f	32	0.68	0.70	5.2	7	7	8	15	15	sw.	W. F. Clark.	W. F. Clark.		
Forsyth.	Rosebud.	5,500	3	33.8	63	26	10	7	36	1.45	0.30	3.9	3	11	7	12	12	w.	Jere Sullivan.	Jere Sullivan.		
Fort Benton.	Chouteau.	2,630	32	40.3	-3.9	73	25	11	5	48	1.04	+ 0.45	0.30	T.	6	16	3	12	sw.	U. S. Reclamation Service.	U. S. Reclamation Service.	
Fort Shaw.	Cascade.	3,500	8	42.2	80	23	16	5	48	1.04	+ 0.45	0.30	T.	6	20	4	6	w.	Post Hospital.	Post Hospital.		
Fort W. H. Harrison §§.	Lewis and Clark.	4,004	8	42.3	81	26	14	6	53	0.77	0.48	5	9	10	11	11	11	ne.	E. K. Bowman.	E. K. Bowman.		
Foster.	Yellowstone.	5,500	3	43.0	81	26	14	6	53	0.77	1.35	4.7	10	8	10	12	12	w.	T. E. Scally.	T. E. Scally.		
Garnell.	Fergus.	2,092	15	33.8	61	21	6	6	37	3.80	1.60	17.5	12	3	24	3	3	w.	W. W. Mabee.	W. W. Mabee.		
Glasgow.	Valley.	2,069	21	44.6	-1.7	82	27	17	5	47	1.09	0.00	0.38	4.5	6	9	12	9	nw.	E. C. Leonard.	E. C. Leonard.	
Glendive.	Dawson.	4,165	4	39.3	74	21	5	4	46	0.17	0.07	4.0	4	8	10	12	12	n.	Jos. Berthelote.	Jos. Berthelote.		
Goldbutte.	Chouteau.	3,280	5	43.6	80	27	12	6	55	1.02	0.51	4.0	5	11	8	11	11	sw.	J. S. Rue.	J. S. Rue.		
Grayling.	Gallatin.	6,700	6	30.6	59	26	-10	14	45	0.54	0.18	4.0	5	11	8	11	11	w.	P. Kerzenmacher.	P. Kerzenmacher.		
Great Falls.	Cascade.	3,350	20	41.8	-4.0	72	25	12	4	40	1.67	+ 0.55	0.48	8.2	10	11	11	11	w.	S. H. Bauman.	S. H. Bauman.	
Half Moon Pass.	Fergus.	6,500	2	43.0	85	27	18	6	45	0.97	0.20	2.0	5	8	15	9	6	ne.	Gordon Deans.	Gordon Deans.		
Half Way House.	Broadwater.	6,000	2	43.0	85	27	18	6	45	0.41	0.46	7.0	8	15	9	6	6	w.	Jos. Muir.	Jos. Muir.		
Harlowton.	Meagher.	4,165	4	37.4	76	26	5	5	43	0.44	1.64	+ 0.16	0.70	2.5	8	10	11	9	nw.	U. S. Weather Bureau.	U. S. Weather Bureau.	
Havre.	Chouteau.	2,505	22	41.0	-1.7	78	21	6	5	43	1.29	+ 0.28	0.97	4.4	7	10	11	9	w.	W. S. McCord.	W. S. McCord.	
Helena.	Lewis and Clark.	4,110	22	38.7	-2.3	66	20	15	5	38	1.05	-0.09	0.40	4.0	5	8	11	11	sw.	U. S. Reclamation Service.	U. S. Reclamation Service.	
Highwood.	Yellowstone.	5	43.0	77	26	18	6	45	0.97	1.44	22.0	9	18	0	12	12	12	w.	Jas. McCune.	Jas. McCune.		
Huntley.	Gallatin.	3,014	5	44.0	77	26	18	6	45	0.97	5.70	1.44	22.0	9	18	0	12	12	w.	W. C. Henderson.	W. C. Henderson.	
Jones Canyon.	Dawson.	6,800	2	43.0	85	27	13	5	44	0.41	0.44	1.06	0.46	7.0	8	15	9	6	w.	W. W. Watson.	W. W. Watson.	
Jordan.	Fergus.	4,010	15	37.8	-4.5	71	26	9	5	44	1.64	+ 0.16	0.70	2.5	8	10	11	9	w.	W. A. Jennings.	W. A. Jennings.	
Lewistown.	Park.	4,488	15	44.4	+ 0.7	72	1 ^f	14	6	43	1.95	+ 0.89	0.89	0.7	7	13	6	11	sw.	E. Wilson.	E. Wilson.	
Livingston.	Chouteau.	3,280	6	42.4	76	25	9	5	42	1.56	0.30	5.0	8	15	5	10	10	10	w.	C. M. Mason.	C. M. Mason.	
Lost Horse Creek.	Meagher.	5,800	2	43.0	74	25	11	7	50	1.90	0.40	5.0	8	12	11	7	7	w.	U. S. Reclamation Service.	U. S. Reclamation Service.		
Malta.	Teton.	2,240	5	41.1	77	21	5	5	46	0.78	0.27	6.0	4	17	7	6	6	w.	Fred W. Arndt.	Fred W. Arndt.		
Medicine Lake.	Dawson.	1	40.6	85	27	13	5	49	0.41	0.13	12.5	5	11	5	10	13	7	w.	O. E. Penwell.	O. E. Penwell.		
Melstone.	Fergus.	2,903	2	43.0	85	27	9	5	45	0.25	0.12	0.5	3	13	16	1	1	nw.	Mrs. H. L. Miller.	Mrs. H. L. Miller.		
Mildred.	Custer.	2,371	20	47.0	+ 2.3	83	26	18	6	44	0.36	-0.82	0.28	3.4	6	12	14	4	ne.	J. S. Collier.	J. S. Collier.	
Miles City.	Madison.	4,845	5	42.6	68	25	21	6	52	0.31	0.10	0.5	8	12	9	9	9	s.	Leon P. Clarke.	Leon P. Clarke.		
Norris.	Sweetgrass.	3	43.0	74	25	14	6	47	0.50	1.56	0.40	14.0	7	4	16	10	10	w.	Robt. Olsen.	Robt. Olsen.		
Nye.	Jefferson.	7,000	3	43.0	85	27	17	5	47	0.68	-0.36	0.23	4.2	14	12	4	4	n.	Mrs. T. Klemeyer.	Mrs. T. Klemeyer.		
Olsen Creek.	Pipstone Pass.	2,020	26	44.1	+ 0.8	87	26 ^f	8	6	47	0.68	-0.36	0.23	4.2	14	12	4	4	nw.	H. M. Cosier.	H. M. Cosier.	
Poplar.	Carbon.	5,948	12	36.6	-2.6	68	25	1	6	41	2.49	-0.21	1.36	6.5	10	5	9	16	sw.	I. A. Draper.	I. A. Draper.	
Red Lodge.	Jefferson.	4,283	13	41.7	-2.1	74	25	11	7	50	1.76	-0.54	0.31	T.	6	12	6	12	sw.	F. B. Elmer.	F. B. Elmer.	
Renova.	Yellowstone.	3,640	2	41.0	74	25	3	6	55	1.90	0.68	4.5	11	17	4	9	9	w.	H. Schertenberger.	H. Schertenberger.		
Ryegate.	Teton.	3,980	3	37.0	72	21	-1	1	45	1.67	0.20	6.0	6	14	7	6	6	w.	U. S. Reclamation Service.	U. S. Reclamation Service.		
Seville.	Dawson.	1	43.0	85	27	13	5	49	1.04	0.32	6.8	9	16	4	10	10	10	w.	Fred W. Arndt.	Fred W. Arndt.		
Sidney.	Lewis and Clark.	1	43.4	85	27	9	5	45	0.51	0.32	0.82	0.10	1.2	5	7	11	12	ne.	Mrs. H. L. Miller.	Mrs. H. L. Miller.		
Spokane Ranch.	Dawson.	10	43.4	85	27	10	5	45	0.32	0.51	0.32	0.64	13.0	5	20	0	10	10	w.	J. W. Hardgrove.	J. W. Hardgrove.	
Springbrook.	Lewis and Clark.	4,500	1	44.0	85	26	13	5	47	1.04	0.38	0.50	4.9	6	13	4	13	13	w.	M. S. Carpenter.	M. S. Carpenter.	
Stearns.	Gallatin.	4,066	1	44.0	81	10	13	12 ^f	57 ^f	0.48	1.09	0.50	4.9	6	13	4	13	13	w.	U. S. Reclamation Service.	U. S. Reclamation Service.	
Tokna.	Dawson.	2,050	6	40.6	85	27	10	6	50	1.32	2.82	1.60	19.4	8	15	7	8	8	w.	A. Wiedenbauer.	A. Wiedenbauer.	
Trail Creek.	Park.	6,000	3	43.0	85	27	11	14	42	0.45	0.91	0.48	2.0	6	15	7	8	8	w.	J. A. Kornell.	J. A. Kornell.	
Twete.	Chouteau.	5,000	17	37.6	-4.0	73	25	9	5	37 ^a	0.92	-0.24	0.52	3.2	5	17	4	9	w.	P. W. Bean.	P. W. Bean.	
Utica.	Fergus.	5	41.0	78	21 ^f	10	6	50	1.32	0.27	-1.48	0.08	3.2	6	6	19	5	10	w.	M. Malland.	M. Malland.	
Valentine.	Fergus.	5,580	23	38.3	-1.8	66	25	11	14	32	0.4											

TABLE 1.—Climatological data for April, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.						
North Dakota—Contd.																					
Medora.	Billings.	2,225	15	43.2	— 0.6	82	27	12	17	50	1.52	+ 0.86	1.10	4.2	4	14	9	e.	J. W. Hesser.		
Melville.	Foster.	1,590	14	43.5	+ 5.1	85	27	14	8	43*	1.55	+ 0.74	0.90	15.5	5	5	7	nw.	J. P. Kidder.		
Mott.	Hettinger.	5	41.8	—	—	90	27	8	5	51	0.53	—	0.20	3.5	5	9	14	nw.	O. H. Opland.		
Napoleon.	Logan.	1,955	20	41.3	+ 0.2	86	17	9	6	50	1.50	— 0.36	1.00	13.0	5	5	15	s.	C. J. Hoof.		
New England.	Hettinger.	2,400	16	41.3	+ 1.2	85	28	5	7	59	0.50	— 0.48	0.30	5.0	4	4	11	nw.	J. L. McGovern.		
New Rockford.	Eddy.	1,531	2	41.4	—	90	27	10	6	50	0.89	—	0.45	2.5	4	6	8	se.	J. V. M. Sundberg.		
New Salem.	Morton.	2,163	5	41.4	—	90	27	7	6	52	0.54	—	0.40	4.0	3	18	4	nw.	J. Christianson.		
Orange.	Adams.	5	40.5	—	—	90	27	—	—	—	—	—	—	—	—	—	—	se.	J. E. Goforth.		
Schafer.	McKenzie.	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	V. G. Morris.		
Steele.	Kidder.	1,857	16	42.2	—	88	27	12	13	44	0.18	—	0.11	0.7	3	14	8	s.	B. C. Smith.		
Washburn.	McLean.	1,731	8	42.2	+ 2.0	86	27	14	5	44	0.24	— 0.99	0.10	—	8	—	—	se.	W. R. Peterson.		
Williston.	Williams.	1,875	32	42.5	+ 2.0	—	—	—	—	—	—	—	—	—	—	—	—	—	U. S. Weather Bureau.		
South Dakota.																					
Aberdeen.	Brown.	1,300	21	44.2	— 0.2	92	17	16	6	63	2.17	— 1.09	1.10	4.0	7	18	2	s.	D. G. Gallett.		
Academy.	Charles Mix.	12	47.4	— 0.2	81	17	16	6	37	3.41	+ 1.24	2.50	14.0	8	13	6	11	se.	I. T. Lothrop.		
Alexandria.	Hanson.	1,352	22	43.1	+ 4.4	—	—	24	5	31	1.96	— 0.89	1.30	—	4	13	5	12	se.	Albert Hill.	
Ardmore.	Fall River.	3,557	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Chi. Burl. & Quincy R. R.		
Armour.	Douglas.	1,521	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	T. J. Markey.		
Belle Fourche.	Butte.	3,000	3	44.0	—	83	27	10	13	47	0.42	—	0.23	T.	3	5	15	10	nw.	U. S. Reclamation Service.	
Brookings.	Brookings.	1,636	22	43.2	+ 1.7	77	17	14	1	47	1.62	— 0.42	0.50	T.	3	13	7	10	se.	Experiment Station.	
Camp Crook.	Harding.	3,000	19	43.5	0.0	86	27	9	6	48	0.24	— 0.24	0.10	2.1	4	11	13	6	se.	S. S. Forest Service.	
Canton.	Lincoln.	1,248	16	45.7	+ 2.1	88	27	18	6	67	1.72	— 0.53	0.83	1.0	4	14	6	10	se.	John H. Holsey.	
Cascade Springs.	Fall River.	3,422	3	44.1	—	86	27	11	6	56	1.76	—	0.04	2.5	6	16	6	nw.	Fred Noerenberg.		
Castlewood.	Hamlin.	1,685	5	42.2	—	76	27	14	6	45	0.86	—	0.23	T.	3	6	8	16	se.	M. N. Bradley.	
Centererville.	Turner.	1,229	14	46.0	—	78	17	18	6	48	3.65	+ 1.92	2.27	13.0	11	8	8	14	se.	Frank Williams.	
Clark.	Clark.	1,779	17	42.4	+ 2.4	77	27	9	6	42	1.35	— 0.54	0.60	6.1	7	12	11	7	nw.	O. H. La Craft.	
Cottonwood.	Stanley.	2,414	3	49.2	—	84	16	22	6	50	0.85	—	0.40	T.	4	11	14	5	se.	Experiment Station.	
Crow Creek.	Buffalo.	1,385	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Don V. Moore.		
Daviston.	Perkins.	2	43.04	—	88	27	3	6	59*	0.58	—	0.33	2.5	4	11	8	11	—	G. G. Davis.		
Deadwood.	Lawrence.	4,535	2	40.3	—	78	27	4	6	41	0.05	—	1.50	13.0	8	18	1	11	—	R. E. Grimshaw.	
Deerfield.	Pennington.	6,000	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Frank E. Miller.		
De Smet.	Kingbury.	1,720	18	44.6	0.0	78	27	17	14	42	0.80	— 1.33	0.36	2.0	3	16	6	8	se.	J. C. Purinton.	
Dowling.	Stanley.	2,250	2	45.6	—	85	27	14	6	45	0.98	—	0.88	9.5	10	15	8	7	nw.	M. P. Dowling.	
Dumont.	Lawrence.	6,195	2	—	—	88	27	14	6	42	0.02	—	0.53	2.9	7	11	9	10	se.	A. B. Wood.	
Eales.	Potter.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	A. H. Peterson.		
Elk Mountain.	Custer.	4,700	2	—	—	80	17	18	6	50	2.35	+ 0.14	1.10	9.5	7	9	15	6	se.	James E. Blaine.	
Elk Point.	Union.	1,127	12	47.8	+ 1.6	80	17	18	6	50	0.35	—	0.35	0	9	12	5	13	se.	G. W. Freeman.	
Ellington.	Perkins.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	A. C. Ellington.		
Englewood.	Lawrence.	5,723	2	—	—	88	27†	8	6	44	2.24	—	0.70	16.6	12	16	3	11	s.	T. J. Cummings.	
Eureka.	McPherson.	1,884	2	43.8	—	82	27†	8	6	54	1.30	— 0.43	0.40	4.0	6	11	9	10	se.	Experiment Station.	
Fairfax.	Gregory.	7	46.4	—	78	28	15	6	44	2.17	—	1.06	0.62	6.2	9	15	8	7	se.	Frank Adams.	
Faulkton.	Faulk.	1,595	16	45.8	+ 0.4	83	27	15	6	42	1.55	— 1.05	0.83	T.	3	15	4	11	se.	Miss Belle Talcott.	
Flandreau.	Moody.	1,565	21	44.8	+ 1.0	78	17	15	4	45	2.76	+ 0.31	0.65	5.5	9	10	6	14	se.	W. A. Harris.	
Forestburg.	Sanborn.	1,231	19	46.4	+ 0.1	86	28	16	6	50	1.03	— 1.36	0.42	—	5	20	2	8	se.	S. S. Judy.	
Fort Meade.	Meade.	3,624	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Post Hospital.		
Frederick.	Brown.	1,371	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	J. E. Jeffers.		
Gann Valley.	Buffalo.	13	47.4	+ 0.8	82	17	18	6	54	1.30	— 0.43	0.40	4.0	6	11	9	10	se.	V. P. Drips.		
Greenmont.	Lawrence.	6,430	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	H. C. Hoffbaur.		
Greenwood.	Charles Mix.	17	48.8	+ 1.0	78	16†	20	6	45	3.23	+ 0.63	2.30	5.6	7	11	12	7	—	T. C. Williamson.		
Hardy Range Station.	Lawrence.	6,600	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Mrs. E. A. Gundlach.		
Harvey's Ranch.	do.	6,282	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Jerome Harvey.		
Hermosa.	Custer.	3,273	5	45.4	—	85	28	10	6	42	0.53	—	0.22	2.0	8	17	8	5	nw.	S. M. Booth.	
Hightower.	Hyde.	1,890	15	45.8	+ 0.7	82	27	13	6	46	2.54	+ 0.83	1.80	1.0	6	14	5	11	se.	Experiment Station.	
Hill City.	Pennington.	5,067	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	H. L. Jones.		
Hopewell.	Stanley.	1	45.6	—	84	27	11	8	57	1.03	—	0.60	2.0	3	11	6	13	se.	E. R. Myers.		
Howard.	Miner.	1,564	19	43.4	+ 2.3	76	17†	9	1	47	1.73	—	0.37	1.1	7	17	3	10	se.	J. J. Cox.	
Howell.	Hand.	9	44.8	—	84	17	14	6	58	0.79	—	0.37	0.55	0.5	5	13	7	10	se.	M. A. Shuster, Jr.	
Huron.	Beadle.	1,306	29	44.8	+ 0.2	79	27	19	6	46	0.57	— 2.08	0.23	4.0	7	13	7	10	se.	U. S. Weather Bureau.	
Ipswich.	Edmunds.	1,530	14	44.0	+ 0.1	84	28	15	5	50	2.80	+ 0.83	1.75	3.0	3	20	2	8	se.	J. B. Taylor.	
Kadoka.	Stanley.	2,467	2	45.0	—	82	27	9	6	46	1.65	—	0.68	0.3	10	8	10	13	nw.	Rev. D. S. Brown.	
Kennebec.	Lynnman.	1,689	18	45.8	+ 1.5	81	27	15	6	51	2.72	+ 0.66	1.40	5	17	2	11	se.	R. C. Van Horn.		
Kidder.	Marshall.	1,295	7	43.6	—	81	27	9	1	47	1.73	—	1.00	4.0	5	18	2	10	se.	H. C. Schussler.	
Kimball.	Brule.	1,788	22	45.9	+ 1.2	80	17	15	6	42	1.80	— 0.49	1.06	0.8	5	13	7	10	se.	G. D. Rose.	
La Delle.	Spink.	1,400	14	45.0	+ 0.1	82	27	12	5	44	0.95	— 1.26	0.50	T.	4	15	4	11	se.	E. L. Ebbert.	
Lead.	Lawrence.	5,200	2	40.6	—	73	27	11	6	47	1.54	—	0.46	10.0	11						

TABLE 1.—Climatological data for April, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.			Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.					
South Dakota—Contd.																						
Tyndall.	Bon Homme.	1,418	14	46.8	-1.1	76	16†	18	6	46	4.18	+1.43	3.27	3.0	8	14	7	9	e.	F. F. Chladek.		
Vale.	Butte.	2,765	3	44.4	.....	86	27	9	6	52°	0.47	.....	0.46	4.0	22	14	10	6	e.	U. S. Reclamation Service.
Vermilion.	Clay.	1,222	10	48.0	0.0	75	17†	14	6	40	3.21	+0.05	1.00	4.0	7	16	4	10	s.	Prof. E. C. Perisho.		
Waters Ranch.	Lawrence.	4,000	1	.....	.....	.....	.....	.....	.....	.....	0.94	.....	0.44	9.9	9	4	10	16	ne.	George Waters.
Watertown.	Coddington.	1,735	17	43.0	-0.7	77	17	14	6	45	0.85	-1.53	0.45	4.5	2	15	1	14	e.	Robert Q. Wood.		
Wentworth.	Lake.	18	43.8	-0.9	78	17	18	1	45	2.06	-0.20	1.02	2.9	7	16	7	7	se.	R. C. Zimmerman.			
Wessington Springs.	Jerauld.	1,410	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	s.	F. N. Dunham.
White Lake.	Aurora.	1,646	2	.....	.....	.....	.....	.....	.....	.....	2.40	.....	2.00	0.3	3	5	4	21	nw.	Mrs. G. A. Rogers.
Winner.	Tripp.	2,500	.....	48.1	.....	80	27	16	6	44	4.20	.....	2.55	8.0	5	9	13	8	se.	A. L. Rawson.
Yankton.	Yankton.	1,234	37	46.7	-0.7	75	28	20	6	37	4.36	+1.56	3.35	4.4	9	5	15	10	se.	U. S. Weather Bureau.		
Minnesota.																						
Pipestone.	Pipestone.	1,710	11	43.2	-1.4	75	27	13	1	48	1.98	+0.43	0.65	3.5	8	11	10	9	se.	W. S. Campbell.		
Colorado.																						
Akron.	Washington.	4,650	9	.....	.....	.....	.....	.....	.....	.....	2.57	.....	0.80	2.0	7	.....	.....	.....	w.	Ira M. Barnhouse.
Albion Lake.	Boulder.	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.90	.....	2.40	79.0	12	12	7	11	e.	Fred R. Dungan.
Alma.	Park.	10,238	14	46.6	.....	75	27	15	13	47	3.82	+2.67	2.20	24.0	4	16	6	8	w.	Anna B. Osborne.	
Arriba (near).	Lincoln.	5,238	5	46.6	.....	.....	.....	.....	.....	.....	1.80	.....	0.59	T.	8	15	10	5	s.	C. A. Creel.
Auldhurst.	Teller.	3,500	1	.....	.....	.....	.....	.....	.....	.....	1.62	.....	0.90	6.5	6	19	5	5	s.	Mrs. Alice A. Auld.
Boulder.	Boulder.	5,347	15	49.2	+0.2	77	21	21	13	40	2.68	-0.36	1.73	12.0	9	12	13	.....	.....	O. H. Wangelin.
Burlington.	Kit Carson.	4,160	8	48.6	.....	82	2	18	14	50	2.25	.....	0.55	0	9	6	19	5	se.	W. P. Davis.
Cassells.	Park.	8,445	1	.....	.....	.....	.....	.....	.....	.....	1.48	.....	0.44	3.8	8	13	11	6	w.	Harriet M. Cassell.
Castle Rock.	Douglas.	6,220	19	40.2	-4.4	75	21†	15	13	45	0.80	-1.32	0.26	3.0	5	16	6	8	s.	Thos. Vaughn.		
Cheeseman.	Jefferson.	6,890	8	44.3	.....	69	27	9	28	37	0.90	.....	0.35	7.0	9	11	18	1	sw.	J. G. Thornburg.
Cheyenne Wells.	Cheyenne.	4,279	17	49.4	+0.7	81	2	21	13†	49	1.10	-0.80	0.35	0	6	20	3	7	ne.	J. W. Adams.		
Cope.	Washington.	11,660	4	21.4	.....	45	26	-5	13	28	5.23	.....	1.60	39.5	9	.....	.....	.....	w.	U. S. Weather Bureau.
Corona.	Grand.	5,272	39	48.8	+1.1	76	26	23	14	35	4.41	-0.70	0.46	8.1	10	10	16	4	sw.	Do.		
Denver.	Jefferson.	5,450	3	48.2	.....	78	26	20	14†	48	1.66	.....	0.67	T.	5	13	7	10	se.	Dr. N. P. Levin.
Edgewater.	Larimer.	8,000	2	.....	.....	.....	.....	.....	.....	.....	2.23	.....	0.70	19.0	11	3	13	14	w.	G. H. Thomson.
Estes Park Fish Hatchery.	do.	4,985	29	46.4	+0.7	76	21†	16	15	43	1.89	-0.23	0.96	1.0	11	.....	.....	.....	nw.	Colo. Agr. College.
Fort Collins.	Weld.	4,907	.....	.....	.....	.....	.....	.....	.....	.....	2.57	.....	0.21	1.0	7	14	1	15	se.	R. W. Benedict.
Fort Lupton.	Weld.	4,219	13	47.8	-0.6	80	21†	15	15	52°	1.40	-0.34	1.14	0	4	7	15	8	nw.	Della M. Scott.		
Fort Morgan.	Boulder.	9,300	6	37.4	.....	63	3†	8	15	40	2.51	.....	0.80	16.0	11	7	21	2	w.	C. W. Barry.
Frances.	Larimer.	7,500	1	39.0	.....	67	27	9	15	40	2.07	.....	0.63	15.5	12	15	11	4	w.	Norman W. Fry.
Fry's Ranch.	Clear Creek.	8,550	9	.....	.....	.....	.....	.....	.....	.....	1.74	.....	0.67	20.5	7	7	15	8	se.	H. L. Corbett.
Georgetown.	Weld.	4,649	20	49.7	+1.6	78	26	16	15	47	0.83	-0.91	0.71	1.0	4	19	3	3	ne.	Nelson Reynolds.		
Greeley.	Park.	5,076	2	.....	.....	.....	.....	.....	.....	.....	0.48	.....	0.21	1.0	7	14	1	15	se.	George M. Blake.
Hartsel.	Boulder.	6,600	2	.....	.....	.....	.....	.....	.....	.....	2.66	.....	1.16	10.5	7	21	7	2	se.	Emily Kleinknecht.
Hawthorne.	Phillips.	3,745	15	.....	.....	.....	.....	.....	.....	.....	2.22	+0.28	0.73	5.5	7	14	9	7	se.	B. E. Chesebro.
Holyoke (near).	Clear Creek.	7,534	11	42.0	+1.3	68	27	12	15	37b	1.88	1.29	0.50	8.5	9	7	21	2	w.	A. C. Cauble.	
Idaho Springs.	Weld.	4,966	20	.....	.....	.....	.....	.....	.....	.....	2.54	+0.42	1.75	6	6	12	14	4	se.	J. J. Willis.
Keota.	Larimer.	5,053	20	.....	.....	.....	.....	.....	.....	.....	3.13	+0.76	1.40	4.7	7	9	14	7	se.	I. S. Griffin.
La Porte.	Logan.	4,380	22	47.4	-1.5	80	26	19	12†	47	1.50	-0.28	0.83	0.9	7	17	8	5	w.	P. A. Taft.		
Le Roy (near).	Boulder.	4,980	10	47.4	-1.5	80	26	19	12†	47	1.50	-0.28	0.83	0.9	7	17	8	5	w.	Great Western Sugar Co.		
Longmont.	Larimer.	8,600	16	33.4	-0.4	61	1	—	2	15	42	3.18	+0.60	0.80	33.0	6	11	7	12	se.	Enos A. Mills.	
Longs Peak (near).	Larimer.	do.	.....	.....	.....	.....	.....	.....	.....	.....	2.54	.....	1.29	0.50	8.5	9	7	12	se.	A. M. McCahan.
Lula Pass.	do.	7,775	21	40.0	+2.1	62	26†	4	15	38	2.20	+0.11	0.60	22.0	7	8	19	3	w.	J. D. Stead.		
Moraine.	Jefferson.	5,492	12	40.0	+2.1	62	26†	4	15	38	2.20	+0.11	0.60	22.0	7	8	19	3	sw.	Denver Union Water Co.		
Platte Canon.	Larimer.	7,750	8	48.6	79	21	15	15	49	1.65	1.59	-1.07	0.62	T.	5	18	8	4	sw.	Miss Guilla Silvers.
St. Cloud.	Sedgwick.	3,573	3	47.6	80	21†	9	15	56	3.25	1.54	0.60	2.0	7	18	13	6	nw.	Edwin Lewis, M. D.	
Sedgwick.	Clear Creek.	11,500	2	.....	.....	.....	.....	.....	.....	.....	1.44	.....	0.58	16.0	4	15	5	10	sw.	Chas. F. Deininger.
Sill Mine.	Larimer.	8,700	1	.....	.....	.....	.....	.....	.....	.....	1.44	.....	0.58	16.0	4	15	5	10	sw.	Frank W. Murphy.
Spicer (near).	Larimer.	3,892	2	48.6	.....	79	21	15	15	49	1.65	.....	1.06	T.	5	11	13	6	se.	Great Western Sugar Co.
Stirling.	Logan.	5,206	8	48.0	79	27	20	13	44	2.13	1.29	0.80	2.0	7	18	13	6	se.	P. H. Boothroyd.	
Waterdale.	Larimer.	3,612	15	49.2	-0.8	81	21	17	14	52	2.45	+2.42	2.49	0.5	10	11	14	5	e.	J. C. Tuomey.		
Wray.	Yuma.	4,138	20	.....	.....	.....	.....	.....	.....	.....	2.47	+0.32	0.87	T.	6	14	5	11	se.	George W. Custer.
Nebraska.																						
Ainsworth.	Brown.	2,521	6	46.5	.....	74	28	16	6	42	4.08	.....	1.05	8.8	9	0	21	9	sw.	John M. Cotton.
Albion.	Boone.	1,747	15	47.5	-2.0	78	11	21	6	42	2.33	-0.60	0.65	10.0	9	13	13	8	s.	F. M. Weitzel.		
Alliance.	Boxbutte.	3,908	18	44.0	-2.1	76	21†	12	8	55	2.65	+0.73	1.00	20.0	6	13	13	4	n.	J. A. Keegan.		
Alma.	Harlan.	1,938	16	50.7	-0.8	83	28	24	14	51	1.30	-1.25	0.40	T.	9	17	6	7	s.	W. A. Sharpnack.		
Anoka.	Boyd.	5	46.4	.....	.....	80	28	14	6	52	4.78	.....	3.45	8.0	7	10	12	8	sw.	W. Whitha.
Arcadia.	Valley.	2,188	11	.....	.....	.....	.....	.....	.....	.....	2.39	+0.62	1.42	10.0	5	13	12	3	n.	J. L. Owen.
Ashland.	Saunders.	1,100	27	51.2	-0.9	77	27	7	7	47	2.04	-0.50	0.86	7	15	3	12	se.	Dr. A. von Mansfelde.			
Ashton.	Sherman.	2,061	18	45.6	.....	.....	.....	.....										

TABLE 1.—Climatological data for April, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelting.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Nebraska—Continued.																				
David City.	Butler.	1,619	21	50.0	+ 0.4	75	21†	26	6	40	3.41	+ 0.15	0.77	2.0	13	10	13	7	ne.	S. Clingman.
Dawson.	Richardson.	945																	Mrs. E. I. Atkinson.	
Dubois.	Pawnee.	1,074	8								2.35		1.09	0.5	8	15	10	5	se.	O. M. Backus.
Ellis.	Gage.	1,430	8								2.60		1.50	1.0	3				d.	J. D. Wood.
Elm Creek.	Buffalo.	2,268	3								2.10		1.00	0.2	4				e.	E. L. Sutton.
Elsie.	Perkins.	3,382	2								1.58		1.05	4.0	5				g.	J. F. Britain.
Ewing.	Holt.	1,888	20	47.7		80	27†	18	6	52	2.96	+ 0.23	1.47	5.8	11	13	12	5	se.	G. H. Benson.
Fairbury.	Jefferson.	1,316	36	52.0	+ 0.1	84	12	25	7	43	2.46	+ 0.21	1.00	T.	6	9	16	4	n.	W. F. Cramp.
Fairmont.	Fillmore.	1,641	18	47.7	- 2.0	80	12	19	10	46	2.09	- 0.91	0.35	2.2	3	6	16	2	sw.	Chi., Burl. & Quincy R. R. Post Surgeon.
Ft. Robinson.	Dawes.	3,764	27	42.1	- 4.3	80	20†	2	6	51	1.91	+ 0.26	0.83	—	6	16	13	5	s.	A. R. Peck.
Franklin.	Franklin.	1,820	22	51.4	- 0.3	85	28	19	13†	52	1.25	- 0.99	0.45	—	7	13	9	8	se.	Ernest Hahn.
Fremont.	Dodge.	1,203	31	49.6	- 0.5	79	12†	25	17	40	2.22	- 0.41	0.98	1.0	6	11	13	6	se.	Dr. F. W. Johnson.
Fullerton.	Nance.	1,620	10	48.8		78	12	24	14	48	3.66	+ 1.28	0.92	4.5	7	13	13	4	s.	F. M. Flory.
Geneva.	Fillmore.	1,633	20	51.3	- 0.8	83	13	21	14	46	1.56	- 1.25	0.49	1.0	8	15	10	5	se.	F. W. Parsons.
Genoa.	Nance.	1,584	36	49.2	- 0.5	77	12†	25	6	46	2.72	- 0.14	0.58	2.0	11	11	9	10	se.	G. F. Williams.
Gordon.	Cherry.	3,550	10	42.5*		78	26†	4	6	60*	4.10	+ 2.29	3.45	4	6	10	8	7	se.	E. H. Stoll.
Gosper.	Gosper.	9									2.20		0.20	—	6	8	15	7	ne.	Dr. W. J. Bartholomew.
Gothenburg.	Dawson.	2,557	17	50.0	- 0.8	78	28	20	14	54	2.85	+ 0.54	0.70	—	7	11	8	9	se.	E. A. Barnes.
Grand Island.	Hall.	1,860	20	50.6	0.0	80	12†	22	14	43	1.41	- 1.40	0.60	—	7	14	7	9	s.	Cyrus Carver.
Grant.	Perkins.	3,405	8	46.4		78	22	10	8	55	2.20		1.25	10.0	5	7	18	4	n.	W. E. Morgan.
Greeley.	Greeley.	2,021	16	46.7		76	18	21	7	52	1.54	- 1.05	0.55	5.0	8	9	17	4	nw.	J. S. Marsh.
Guiderock.	Webster.	1,646	11								2.35	+ 0.47	0.67	T.	7	12	10	8	n.	U. S. Forest Service.
Halsey.	Thomas.	2,695	9	47.0		77	26	20	6†	52	4.49		2.00	9.5	10	13	8	9	se.	D. E. Ewing.
Hartington.	Cedar.	1,309	19	46.6	- 0.4	80	28	18	7	45	1.10	- 1.66	0.30	3.0	7	8	10	12	se.	Dr. J. T. Fleming.
Harvard.	Clay.	1,812	22	47.2	- 2.5	80	12	19	8	45	2.05	- 0.91	0.44	3.8	10	15	11	4	se.	C. A. Ready.
Hastings.	Adams.	1,933	20	49.2	- 0.8	81	28	22	7	43	1.23	- 1.67	0.40	1.0	7	16	10	4	se.	A. Kadlecak.
Hayes Center.	Hayes.	18	48.0*			75	26†	24	6	52	3.25	+ 0.88	1.22	0.5	7				se.	Dr. C. M. Easton.
Hay Springs.	Sheridan.	3,821	25	44.0	- 0.8	77	27	9	6	55	4.58	+ 2.45	3.00	33.0	5	11	10	9	nw.	A. S. Enyeart.
Hebron.	Thayer.	1,458	25	51.0	- 1.8	83	13	27	7	48	1.45	- 0.95	0.38	T.	7				se.	T. I. Jones.
Hemingford.	Boxbutte.	4,256	2								1.73		1.20	—	7				se.	Mr. M. R. Lloyd.
Hendley.	Furnas.	2,231	7								1.35		0.57	—	7				se.	Dr. W. H. Heine.
Hillside.	McPherson.	3,484	2	44.4		78	26	11	8†	53	2.54		1.69	13.0	8	14	7	9	se.	Robt. Malcolm.
Holdredge.	Phelps.	2,324	21	49.4	- 1.5	81	28	29	14	44	1.28	- 1.56	0.45	0	6	16	6	8	se.	City Engineer.
Hooper.	Dodge.	1,328	14	49.8	+ 0.4	78	29	25	9†	47	1.20	- 0.94	0.52	—	6	10	7	13	se.	F. J. Bellows.
Imperial.	Chase.	3,278	20	49.4	+ 0.3	79	21	17	15	50	2.55	+ 0.29	1.40	2.0	6	6	14	10	se.	Geo. W. Hulse.
Kearney.	Buffalo.	2,146	22	50.2	- 1.4	80	12	20	15	51	1.75	- 0.80	0.83	T.	6	13	12	5	se.	U. S. Weather Bureau.
Kimball.	Kimball.	4,607	23	45.4	- 0.6	80	28	11	14	51	0.88	- 1.03	0.40	6.0	4	12	13	5	nw.	John Ellis.
Kirkwood.	Rock.	16	46.4	- 0.7	78	28	14	6	51	2.03	+ 0.49	1.30	7.0	7	15	5	10	s.	L. L. Slagle.	
Kowanda.	Devell.	3									2.27		0.72	—	6				se.	J. A. Amsberry.
Lexington.	Dawson.	2,383	23	49.0	- 0.7	81	29	19	14	51	2.04	- 0.19	0.68	—	6	19	0	11	se.	A. Kennedy.
Lincoln.	Lancaster.	1,189	36	51.0	+ 0.3	82	12	28	8	41	2.56	- 0.21	1.43	1.5	14	9	8	13	se.	Joel Hull.
Lodgepole.	Cheyenne.	3,820	14	47.0	0.0	80	21	13	13†	55	1.97	+ 0.19	0.55	3.0	6	19	7	4	e.	U. S. Reclamation Service.
Loup.	Sherman.	2,067	16	48.0	- 1.1	78	28	20	14	51	2.68	- 0.11	1.10	6.0	7	16	7	7	n.	R. T. Kidney.
Loyal.	Custer.	3									3.33		1.73	4.0	4	15	7	8	s.	E. S. Hayhurst.
McCook.	Redwillow.	2,506	17	50.8	- 0.5	77	7†	22	8†	50	1.72	- 0.18	0.89	0	5	22	1	7	se.	C. H. Cass.
McCool Junct.	York.	1,575	15								2.46	- 0.45	0.45	0.4	7				se.	C. G. Cogilizer.
Madison.	Madison.	1,585	17	48.0	- 0.2	75	21	22	6	45	2.26	- 0.71	0.57	3.0	7				se.	L. L. Slagle.
Marquette.	Hamilton.	1,830	32								1.52	- 1.09	0.48	2.0	8				se.	Dr. F. A. Long.
Mason City.	Custer.	2,257																	se.	John Ellis.
Mihatare.	Scottsbluff.	3,825	1								1.58		0.70	5.5	4	14	6	10	nw.	J. A. Kennedy.
Minden.	Kearney.	2,169	34	48.8	- 1.4	81	28	19	14	47	1.75	- 1.50	0.58	4.0	7	13	10	5	se.	U. S. Weather Bureau.
Mitchell (near).	Scottsbluff.	3,960	2	45.2		78	23†	11	8	48	1.74		1.13	6.0	6	15	10	5	nw.	Chi., Burl. & Quincy R. R. Post Surgeon.
Nebraska City.	Otoe.	941																	se.	Pr. P. H. Salter.
Norfolk.	Madison.	1,532	28	47.6	- 0.1	79	28	23	7	42	3.24	+ 0.66	1.15	1.0	7	14	7	9	se.	W. G. Rood.
North Loup.	Valley.	1,961	23	48.6	- 1.1	77	12†	25	8	42	3.22	+ 0.34	1.15	6.5	7	13	11	6	se.	W. G. Rod.
North Platte.	Lincoln.	2,841	37	46.2	- 2.8	75	26	18	15	52	2.48	+ 0.33	1.16	1.2	7	13	8	9	se.	U. S. Weather Bureau.
Oakdale.	Antelope.	1,722	24	46.5	- 1.9	78	28	20	6	47	2.08	- 0.64	1.16	6.5	9	11	9	10	nw.	G. S. Clingman.
Omaha.	Douglas.	1,103	41	51.0	+ 0.5	78	29	26	1	33	2.34	- 0.67	0.72	0.3	10	12	12	12	se.	U. S. Weather Bureau.
Ord.	Valley.	2,062	17								2.85	+ 0.19	1.45	—	6	13	6	11	se.	James Millford.
Orleans.	Barlan.	1,993	3								1.72		0.38	—	7				se.	J. G. McEachin.
Osceola.	Polk.	1,644	14	49.6		82	11	23	6†	41	3.02	+ 0.12	0.68	8.0	7	12	13	5	nw.	G. T. Ray.
Palisade.	Hitchcock.	2									2.51		0.95	—	5				se.	E. E. Young.
Palmyra.	Otoe.	1,142	17	50.6	- 0.1	80	28	26	7	45	2.94	+ 0.57	1.08	T.	9	14	14	2	se.	F. A. Barton.
Pawnee City.	Pawnee.	1,175	16	50.4		81	2	20	9	45	1.50	- 1.11	0.82	0	7	18	4	8	s.	H. D. Lute.
Paxton.	Keith.	3,060	3								1.89		1.21	1.7	7				se.	John Ruppel.
Plymouth.	Jefferson.	1,419	7	51.0		81	13	26	14	48	1.73		0.60	1.5	8	13	9	9	se.	T. C. Jackson.
Purdum.	Blaine.	12	45.4			75	21†	15	6	50	4.06	+ 2.47	2.40	13.5	9	14	7	9	nw.	H.

TABLE 1.—*Climatological data for April, 1911. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.				Observers.											
				Mean.			Departure from the normal.			Lowest.			Greatest daily range.			Total.			Departure from the normal.			Greatest in 24 hours.		Total snowfall, unmeted.		Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
				Mean.	Highest.	Date.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total.	Departure from the normal.	Greatest in 24 hours.	Total.	Prevailing wind direction.													
<i>Iowa.</i>																															
Afton.	Union.	1,212	17	49.0	-1.4	74	29	24	7	32	2.79	-1.58	0.90	T.	8	8	10	12	sw.	Hon. N. W. Rowell.											
Allerton.	Wayne.	9	49.2	.....	70	29	24	7 [†]	36	3.25	.....	1.13	T.	6	14	3	13	nw.	Mrs. Geo. Shriver.										
Alton.	Sioux.	1,305	6	45.0	.....	75	17	13	1	42	2.36	.....	0.95	0.0	9	9	11	10	se.	W. S. Slagle.									
Atlantic.	Cass.	1,164	26	48.5	-0.2	78	28	23	7 [†]	43	3.40	+0.34	1.19	T.	9	6	7	17	ne.	Thos. H. Whitney.											
Audubon.	Audubon.	1,301	17	46.4	-2.3	74	29	14	1	39	3.55	+0.31	1.75	2.1	9	9	9	10	se.	Geo. E. Kellogg.											
Bedford.	Taylor.	11	48.9	-0.4	78	29	19	7	50	1.33	-1.48	0.55	0.4	6	15	5	10	se.	E. E. Healy.												
Centerville.	Appanoose.	1	49.4	.....	77	17 [†]	24	7	37	3.50	.....	1.25	.....	9	17	8	5	se.	Gordon Peacock, jr.									
Chariton.	Lucas.	1,042	16	48.2	+1.7	76	17	22	7	40	2.90	-0.23	1.32	T.	4	11	10	9	se.	C. C. Burr.											
Clarinda.	Page.	1,009	21	45.8	-5.1	75	16 [†]	22	8	46	3.37	+0.18	1.29	0	8	12	5	13	se.	A. S. Van Sandt.											
Corning.	Adams.	1,117	19	44.6	-5.2	78	28 [†]	19	7	26	2.36	-0.77	1.10	0	5	18	4	8	nw.	Jerome Smith.											
Corydon.	Wayne.	1,101	18	49.4	-1.6	78	29	23	7	36	3.08	-0.08	0.91	T.	8	10	8	12	se.	Clara Miller.											
Council Bluffs.	Pottawattamie.	1	49.4	.....	76	18 [†]	24	18	16	50	2.23	.....	0.70	0	8	8	10	12	se.	B. W. Crossley.									
Creston.	Union.	1,312	6	46.5	.....	74	17 [†]	21	1 [†]	39	2.82	.....	0.85	T.	12	11	5	14	se.	O. J. Colby.									
Cumberland.	Cass.	12	49.4	.....	79	17 [†]	22	9	39	4.36	+1.56	1.38	.....	9	15	4	11	s.	J. H. Reppert.										
Denison.	Crawford.	1,180	17	47.5	-0.6	76	28	21	7	40	1.81	-1.64	0.46	2.2	8	13	7	10	s.	W. C. Van Ness.											
Elliott.	Montgomery.	6	48.7	.....	75	28 [†]	21	7	44	3.34	.....	1.45	T.	6	10	12	8	se.	Henry Barnes.										
Greenfield.	Adair.	19	47.2	-2.6	74	17	22	7 [†]	35	4.66	+1.48	2.22	T.	9	9	16	5	se.	R. B. Oldham.												
Harlan.	Shelby.	1,182	12	47.6	-0.7	77	29	21	7	45	2.39	-0.07	0.90	T.	8	10	7	13	se.	C. A. Reynolds.											
Inwood.	Lyon.	1,474	7	44.9	.....	79	17 [†]	15	6	46	2.84	.....	0.55	3.5	9	14	6	10	se.	F. B. Hanson.									
Lamoni.	Decatur.	4	49.5	.....	79	29	22	9	39	4.36	.....	1.82	.....	10	13	0	17	nw.	T. J. Fitzpatrick.									
Larrabee.	Cherokee.	1,260	21	45.4	-2.1	75	17	14	7	44	3.25	+0.53	1.21	5.8	6	8	17	5	sw.	Alonzo Pruitt.											
Le Mars.	Plymouth.	1,224	15	46.6	-1.4	74	17	20	7	36	2.91	-0.28	0.75	7.0	9	11	12	7	nw.	G. A. C. Clarke.											
Lenox.	Taylor.	1,250	18	48.9	-1.2	76	28	22	7 [†]	38	2.34	-0.67	0.88	0	8	19	2	9	s.	J. L. Hurley.											
Leon.	Decatur.	1,120	9	48.6	.....	75	29	23	7	36	4.64	.....	1.91	T.	6	11	8	11	se.	Morris Gardner.									
Little Sioux.	Harrison.	0	49.4	.....	79	29	22	14	46	2.53	.....	0.73	T.	8	13	7	10	se.	Geo. H. Gibson.										
Logan.	Ringgold.	928	44	49.2	-0.7	77	29	23	15	46	3.32	+0.51	1.17	T.	7	8	16	6	nw.	Glenn H. Stern.											
Mount Ayr.	Clarke.	1,230	18	49.6	-1.3	77	28 [†]	24	9	36	2.56	-0.72	0.88	T.	11	9	12	9	se.	A. F. Beard.											
Murray.	Clarke.	20	48.0	.....	77	29	22	7 [†]	38	1.90	-1.33	0.53	T.	11	6	12	12	se.	M. T. Ashley.											
Odebold.	Sac.	14	47.0	-1.1	80	29	18	7	40	3.31	+0.59	1.49	4.0	10	14	7	9	se.	E. Starner.												
Onawa.	Monona.	1,051	11	50.2	+0.3	79	16	24	7	50	2.97	+0.49	0.90	2.0	10	16	6	22	s.	C. G. Perkins.											
Pacific Junction.	Mills.	900	12	50.2	+0.2	79	29	21	7	49	1.43	-0.12	0.55	0.2	6	6	6	22	s.	H. H. McCartney.											
Rock Rapids.	Lyon.	1,358	13	46.8	+0.7	78	17	20	2	45	2.03	-0.64	0.78	3.0	6	17	4	9	s.	W. C. Wyckoff.											
Sheldon.	O'Brien.	1,422	11	45.2	-1.9	78	16 [†]	18	7	50	2.97	+1.24	1.25	T.	6	17	4	9	s.	D. A. W. Beach.											
Sibley.	Osceola.	1,212	18	43.4	-2.7	76	17 [†]	17	7	45	2.18	-0.15	1.14	6.0	8	7	11	12	se.	H. G. Doolittle.											
Sioux Center.	Sioux.	12	45.4	-0.6	75	17 [†]	11	7	40	2.77	+0.57	0.73	6.5	9	13	7	10	se.	J. de Ruyter.												
Sioux City.	Woodbury.	1,135	22	47.1	-1.4	73	28	22	6	34	3.48	+0.71	1.01	1.0	10	9	10	11	se.	U. S. Weather Bureau.											
Spencer.	Clay.	1	49.2	.....	79	29	21	16	46	3.32	+0.51	1.17	T.	7	8	16	6	se.	S. Gillespie.											
Thurman.	Fremont.	14	50.2	-0.3	78	28	22	7	47	3.15	-0.26	1.18	T.	8	11	9	10	ne.	C. R. Paul.												
Washita.	Cherokee.	1,157	13	45.6	-0.9	75	29	14	7	47	3.78	+1.63	1.38	6.5	7	14	5	11	n.	H. L. Feltier.											
Woodburn.	Clarke.	961	13	48.0	.....	77	17 [†]	19	7	47	1.59	-1.27	0.45	T.	9	12	9	9	nw.	C. B. McDonough.										
<i>Kansas.</i>																															
Aibilene.	Dickinson.	1,157	16	53.2	-1.3	92	29	24	9	45	1.02	-1.64	0.76	0	5	8	17	5	s.	T. W. Sherman.											
Agricultural College.	Riley.	1,100	53	53.2	.....	91	29	25	9	45	1.89	-0.83	1.30	0	5	18	4	12	w.	Prof. J. O. Hamilton.										
Alton.	Osborne.	1,651	9	54.0	.....	88	28	20	9	50	1.48	.....	0.47	T.	5	14	12	4	se.	H. A. Storer.									
Atchison.	Atchison.	973	20	54.2	-0.3	85	29	23	7 [†]	44	3.31	-0.44	2.12	T.	7	17	7	6	se.	Prof. M. E. Troxell.											
Beloit.	Mitchell.	1,383	16	53.9	.....	90	28	23	9	53	1.32	-1.04	0.63	T.	6	15 ^b	6 ^b	7 ^b	se.	F. A. Slack.										
Blakeman.	Rawlins.	2,894	14	53.6	.....	90	28	23	9	53	1.32	.....	0.63	T.	6	15 ^b	6 ^b	7 ^b	se.	C. L. Henderson.									
Blue Rapids.	Marshall.	1,105	5	52.6	.....	91	29	25	9	45	1.29	.....	0.88	0	7	16	1	13	se.	M. Norton.									
Centralia.	Nemaha.	1,256	2	52.6	.....	89	29	27	15	48	1.65	.....	0.66	0	9	14	5	11	se.	N. S. Hazen.									
Chapman.	Dickinson.	1,113	7	55.6	.....	89	29	27	15	48	1.89	.....	1.03	0	4	18	7	5	n.	Dr. R. McShea.									
Clay Center.	Clay.	1,203	10	53.9	.....	83	29	24	8	48	1.25	.....	0.95	0	3	12	5	13	s.	O. L. Slade.									
Colby.	Thomas.	1,338	20	49.0	-1.8	83	2	19	14	55	1.47	-0.83	0.72	.....	5	17	3 ^a	4 ^a	se.	G. H. Kinkel.										
Concordia.	Cloud.	1,398	27	52.8	-0.8	86	12	29	7	44	1.78	-0.64	1.33	T.	8	5	16	9	se.	U. S. Weather Bureau.											
Densmore.	Norton.	2,300	2	53.4	.....	87	28	22	2	52	1.75	.....	0.88	1.0	7	6	16	8	se.	J. J. Griffith.									
Dresden.	Decatur.	2,731	17	49.4	-1.8	83	28	21	14	48	1.48	-1.71	0.82	T.	5	14	2	14	se.	Jacob Bock.											
Ellsworth.	Ellsworth.	1,537	7	53.5	.....	91	29	23	15	54	0.80	.....	0.75	T.	3	8	16	4	s.	Geo. Seitz.									
Enterprise.	Dickinson.	1,144	9	55.6	.....	90	29	24	9	60	1.12	.....	0.70	0	10	10 ^a	4 ^a	sw.	H. O. Wagner.										
Eskridge.	Wabaunsee.	1,413	5	53.6	.....	90	29	21	14	44	2.55	.....	1.00	0	9	12	12	6	e.	Geo. D. West.									
Farmsworth.	Lane.	2,850	10	53.6	+0.9	90	28	21	8	53	0.83	-1.31	0.31	0	7	17 ^a	6 ^a	6 ^a	s.	C. M. Jennison.											
Frankfort.	Bourbon.	857	20	53.4	-1.2	88	29	30	17	51	4.44	+0.38	1.15	0	13	10	7</td														

TABLE 1.—Climatological data for April, 1911. District No. 6—Continued

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.								
Kansas—Continued.																						
Topeka.	Shawnee.	997	25	53.6	- 0.1	92	29	31	9	42	2.39	- 0.33	0.98	0	10	10	16	4	e.	U. S. Weather Bureau.		
Valley Falls.	Jefferson.	913	12	54.0	+ 0.7	90	29	26	8	45	1.79	- 0.46	0.80	0	7	15	10	5	se.	Miss Nettie Maxwell.		
Vinland.	Douglas.	880	2								1.56		0.55	T.	11					A. Schick.		
Wakeeney.	Trego.	2,456	28	53.0	- 0.4	80	28	26	14	44	1.12	- 0.96	0.47	0	4	22	2	6	se.	A. S. Peacock.		
Wallace.	Wallace.	3,303	41	51.7		35	2	16	15	54	1.50	- 0.32	0.62	0	5	7	18	5	se.	M. T. Griggs.		
Wamego.	Pottawatomie.	1,002	18								1.50	- 1.61	1.00	0	7	12	7	11	sw.	M. L. Stone.		
Missouri.																						
Amore.	Bates.	850	3	54.9		88	29	30	9	41	4.88		8.10	0	7	9	9	12	sw.	Darby Fruit Farm.		
Appleton City.	St. Clair.	853	22	55.2	- 1.0	85	29	28	1	41	6.18	+ 1.86	3.53	0	11	14	3	13	se.	T. C. Brown.		
Arlington.	Pheips.	885	22								3.51	- 0.24	0.85	T.	8	11	14	3	se.	George V. Randolph.		
Arthur.	Vernon.	767	19	55.2	+ 0.4	85	29	30	1	41	3.89	- 0.16	1.75	0	12	14	14	5	sw.	J. T. Armstrong.		
Avlon.	Livingston.	26	49.5	- 3.3	82	29	25	7	36	4.75	+ 0.81	2.60	0	8	16	11	3	se.	F. G. Ashbaugh.			
Bagnell.	Miller.	594	16								4.91	+ 1.39	1.70	0	4	14	9	7	se.	W. S. Brockman.		
Bethany.	Harrison.	881	22	50.5 ^b	- 0.3	76	17	25 ^b	7 ^b	41 ^b	4.15	+ 1.10	1.73	0	11	14	13	3	se.	W. H. Skinner.		
Bolivar.	Folk.	1,070	24	54.4	- 1.5	84	29	26	1	40	3.66	- 0.18	0.91	0	10	10	6	14	se.	E. Waltz.		
Boonville.	Cooper.	600	35								5.71	- 0.28	0.82	0	10	12	3	15	se.	C. Randecker.		
Brunswick.	Charlton.	652	32	52.0	- 2.3	85	29	27	7 ^b	39	5.76	+ 2.56	2.00	0	10	12	3	15	nw.	Louis Benecke.		
Columbia.	Boone.	734	22	52.1	- 2.2	82	29	27	9	35	5.65	+ 1.95	1.92	0	11	8	11	11	e.	U. S. Weather Bureau.		
Conception.	Nodaway.	982	28	50.3	- 1.8	80	29	25	9	37	2.49	+ 0.32	0.81	0	7	7	16	7	nw.	Fr. Adhelm Hess.		
Eldorado Springs.	Cedar.	750	6	55.6		86	29	28	1	51	4.95		1.91	0	8	13	8	9	sw.	Samuel Graham.		
Fairport.	Dekalb.	920	17												7					J. W. Lincoln.		
Fayette.	Howard.	725	29	52.1	- 3.0	82	29	29	9	37	5.50	+ 2.10	2.40	0	10	14	8	8		Prof. T. Berry Smith.		
Fulton.	Callaway.	818	21	51.6 ^b	- 2.2	78	12	27	1	42 ^b	7.08	+ 3.04	4.02	0	10	11	7	12	s.	Dr. J. L. Brenneman.		
Glasgow.	Howard.	618	32								6.50	+ 3.45	3.84	0	9	14	5	11	se.	J. J. Shaughnessy.		
Grant City.	Worth.	1,130	19	49.8		79	29	24	9	40	2.28	- 0.69	0.56	T.	8	16	6	8	nw.	W. H. Campbell.		
Harrisonville.	Cass.	912	39	52.3	- 1.7	89	29	29	8	36	2.09	+ 2.20	0.47	0	9	11	1	18	e.	A. J. Sharp.		
Hazelhurst.	Livingston.		19								2.58	- 0.50	0.80	0	7				se.	W. H. Baker.		
Hermann.	Gasconie.	482	36								6.30	+ 2.69	2.66	0	12	7	9	14		C. T. Mausund.		
Houston.	Texas.	1,280	19	55.0	- 0.7	81	29	24	1	37	5.88	+ 1.31	2.22	0	9	4	20	6	se.	E. Dempsey.		
Jefferson City.	Cole.	628	29	52.4	- 4.8	86	29	27	9	43	4.89	+ 1.25	1.30	0	12	13	0	17	n.	Miss Emma Swift.		
Kansas City.	Jackson.	963	23	53.6	- 0.7	84	29	31	7	40	3.03	- 0.26	1.04	0	8	11	11	8	e.	U. S. Weather Bureau.		
Kidder.	Caldwell.	1,017	20	50.7	- 1.9	81	29	28	7 ^b	33	2.55	- 0.61	1.12	0	9	13	7	10	se.	J. F. Sharp.		
Lamonte.	Pettis.	863	23	53.1 ^a	- 1.1	86	29	28	1	39	2.47	+ 0.64	0.95	T.	8	9	5	15	ne.	Dr. W. E. Walker.		
Lebanon.	Laclede.	1,265	23	55.4	- 0.9	86	29	24	1	37	2.88	- 1.73	0.54	0	8	4	16	10	sw.	M. W. Serl.		
Lexington.	Lafayette.	813	30	52.6	- 0.0	84	29	29	9	39	4.11	- 0.86	1.95	0	10	14	1	15	s.	J. W. Keithley.		
Liberty.	Clay.	864	23	55.2 ^a	+ 0.3	89	29	27	7	42	2.25	- 0.93	0.94	0	6	13 ^a	8 ^a	8 ^a	sw.	W. C. Wilmott.		
Lockwood.	Dade.	1,088	17	56.2		82	29	32	9	33	3.75	+ 0.38	1.03	T.	7	12	7	11	ne.	C. S. Crow.		
Marshall.	Saline.	779	21	53.0 ^c	- 1.1	85 ^c	29	27	8	42 ^c	7.88	+ 4.34	4.27	0	8	13 ^a	12 ^a	4 ^a	sw.	Dr. W. H. Black.		
Marshfield.	Webster.	1,492	3	55.2		83	30	30	3	46	4.67		2.00	0	6	8	13	9	sw.	C. A. McCombs.		
Maryville.	Nodaway.	1,160	20			80	29	24	7	41	1.94	- 1.24	0.71	0	10	13	4	13	se.	J. R. Brink.		
Mount Vernon.	Lawrence.	1,490	31	55.0	- 0.7	81	29	32	1	35	4.35	+ 0.89	1.28	0	12	15	6	12	se.	J. R. White & Son.		
Nevada.	Vernon.	860	18								5.09	+ 1.68	1.90	0	9	18	8	4	se.	C. Jewell.		
Oregon.	Holt.	1,113	55	49.6	- 5.3	78	21	22	7 ^b	47	3.82	+ 0.44	1.75	T.	6	12	8	10	se.	Tom Curry.		
Oscoda.	St. Clair.	738	13								3.56	- 0.55	0.83	0	9	17	5	8		W. E. Matthews.		
Pattensburg.	Davies.		2								2.70		0.85	0	5	15	0	15	se.	Wm. Burton.		
Rolla.	Phelps.	1,092	31	55.4	+ 1.0	84	29	31	1 ^b	37	3.96	- 0.42	1.21	T.	12	16	6	8	sw.	Prof. P. J. Wilkins.		
St. Charles.	St. Charles.	614	33	53.8	- 1.6	78	17	29	1	36	5.84	+ 2.44	1.32	0	10	10	8	12	nw.	L. C. Saeger.		
St. Joseph.	Buchanan.	825	40	52.6		82	29	29	7	41	1.98	- 1.15	0.92	T.	10	7	9	14	e.	U. S. Weather Bureau.		
St. Louis.	St. Louis City.	567	40	54.1	- 2.0	74	17	32	7	25	7.46	+ 3.94	2.51	0	13	10	1	12	se.	Do.		
Sublett.	Adair.	1,000	31	49.1	- 2.6	79	29	23	8	40	3.42	- 0.12	1.00	0	7	7	13	10	ne.	Lewis Spriggs.		
Trenton.	Grundy.	812	17	52.3	- 0.4	79	29	28	6	27	3.12	+ 0.16	1.10	0	11	18	8	4	e.	W. H. Estes.		
Unionville.	Putnam.	1,072	19	48.0	- 3.0	78	29	20	7	38	4.50	+ 0.86	2.28	0	9	13	3	14	s.	Geo. W. Davis.		
Warrensburg.	Johnson.	883	32	54.4	- 1.6	84	29	29	9	39	3.38	+ 0.43	0.83	0	8	12	6	12	sw.	A. S. Smithson.		
Warrenton.	Warren.	885	22	52.2	- 2.6	78	17	29	1 ^b	36	7.04	+ 3.15	3.15	T.	12	7	7	16	s.	Dr. John H. Friel.		
Warsaw.	Benton.	700	8	56.3		91	29	27	1	42	4.71		1.77	0	9	15	8	7	e.	Dr. J. R. Smith.		
Wheatland.	Hickory.	920	19								4.87	+ 0.19	1.50	0	7	15	8	7	s.	Mrs. S. A. Jackson.		

^a, ^b, ^c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from the observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for April, 1911. District No. 6, Missouri Valley.*

TABLE 2.—*Daily precipitation for April, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for April, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for April, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for April, 1911. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																													Total.					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
<i>Nebraska—Contd.</i>																																				
Loyal.	Loup	.05			T.		.05	T.			T.																						1.78	3.33		
McCook.	Republican		.89	.09																													.14	1.72		
Madison.	Elkhorn	.15		.25		.60	T.			.23	.14	T.																				.57	2.26			
Marguette.	Platte	.20	T.	.15		.07	T.			.30	T.																						1.52			
Mason City.	Loup																																			
Minden.	Blue.			T.	.20																															
Mitchell.	North Platte	.10		T.	T.	.06																												1.76		
Nebraska City.	Missouri	.10		.13																															3.24	
Norfolk.	Elkhorn	.02	T.	.22	T.	.43	T.																											2.09		
North Loup.	Loup	.62	.38	.38																															1.15	
North Platte.	Platte	T.	.10	.18	.01																														1.15	
Oakdale.	Elkhorn	.16	T.	.11	T.	.32	T.																											2.08		
Omaha.	Missouri	.03	T.	.12	.54																														2.34	
Ord.	Loup	.32	.48			.32																													1.45	
Fallsade.	Republican	.93																																	2.85	
Pawnee City.	Great Nemaha.	.07																																	1.50	
Paxton.	South Platte			.05		.02																													1.51	
Plymouth.	Blue.	.09			.10																														1.89	
Purdum.	Loup	.30			.10	.15																													1.73	
Ravenna.	do.	.27	T.	.13		T.																													4.66	
Redcloud.	Republican	.30	T.	.10																															2.18	
St. Libory.	Loup	.30	T.	.14	.06																													3.09		
St. Paul.	do.	.32		.05																															1.20	
Santee.	Missouri																																		1.16	
Sargent.	Loup		.18	.18	T.																													1.99		
Schuyler.	Platte	.13		.23	T.	.53																													2.69	
scottslbluff.	North Platte					.05	.01																											4.40		
seward.	Blue.	.25	T.	.15																															2.75	
sheridan.	Loup	.19	T.		.06	T.																													1.54	
Sidney.	South Platte					.28																													2.93	
Springview.	Niobrara.																																			1.50
Stanton.	Elkhorn	T.	T.		.20																														2.40	
Stratton.	Republican			1.02																															2.73	
Superior.	do.			.12																															2.52	
Syracuse.	Little Nemaha.	.10	T.	.07	.10	T.	T.																											2.86		
Tekamah.	Missouri	.25	T.	.10	.50																														2.33	
Tobias.	Blue.	.15	T.	.15	T.																														2.10	
Valentine.	Niobrara.	.05		.05	.02																													2.34		
Wahoo.	Platte																																		1.98	
Wakefield.	Elkhorn	T.	T.	.12	T.	.45																												3.12		
Walhill.	Missouri	.02		.24	.11																													2.84		
Watertown.	Platte																																		1.04	
Wauneta.	Republican																																		3.45	
Weeping Water.	Missouri	.11	T.	.01	T.	.04																												3.65		
Westpoint.	Elkhorn																																		3.42	
Wigner.	do.	.02																																	3.51	
York.	Blue.	.20	T.	.15																															3.26	
<i>Iowa.</i>																																				
Afton.	Missouri		T.	T.	.24	T.																												2.79		
Allerton.	Chariton		T.	T.	1.13	T.																												3.25		
Alton.	Floyd					.16	.08	.60	T.																								2.36			
Atlantic.	Nishnabotna.					.01	T.	.08	.56																								3.40			
Audubon.	do.					.01	T.																													
Bedford.	Missouri																																			
Centerville.	Chariton																																			
Charlton.	do.																																			
Clarendon ||.	Nodaway																																			
Corning.	do.																																			
Corydon.	Chariton																																			
Council Bluffs.	Missouri																																			
Creston ||.	do.		</td																																	

TABLE 2.—*Daily precipitation for April, 1911. District No. 6—Continued.*

- * Precipitation included in that of the next measurement
- † Separate dates of falls not recorded.

† Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures at selected stations, for April, 1911. District No. 6, Missouri Valley.*

Date.	Wyoming.														Montana.													
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewis-town.		Malta.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	60	18	66	26	72	22	67	42	56	26	68	33	68	29	57	36	68	30	65	28	34	26	64	26	42	20	32	25
2....	56	20	67	31	64	29	65	33	50	26	64	28	42	29	52	32	49	30	62	26	29	15	36	24	35	20	27	20
3....	56	24	45	25	49	29	56	30	40	25	59	23	42	29	37	21	29	24	68	29	14	37	21	32	17	28	12	19
4....	50	28	54	29	62	29	51	28	46	26	52	23	54	29	38	20	40	24	58	27	23	14	36	17	35	16	31	19
5....	60	28	55	21	51	34	44	21	40	25	51	23	33	18	33	15	32	23	60	26	6	15	28	22	9	28	5	
6....	46	11	49	18	54	9	49	8	46	10	38	12	45	6	38	12	48	17	61	24	45	18	48	25	42	11	43	5
7....	50	27	40	24	48	29	45	24	44	26	45	25	43	16	55	25	64	31	48	26	50	20	42	14	44	24		
8....	62	15	52	19	62	15	55	22	54	20	59	20	62	20	50	21	68	25	70	24	64	25	63	25	67	23	71	30
9....	70	23	59	34	74	33	60	30	72	32	59	38	70	31	49	30	72	26	61	29	70	33	65	36	68	29	62	29
10....	57	24	55	38	66	37	52	36	61	38	52	38	57	30	40	29	65	35	63	27	37	31	54	31	58	33	63	27
11....	62	31	57	28	66	30	50	28	62	25	51	21	57	27	33	17	56	24	60	28	48	30	38	27	45	25	48	26
12....	56	21	47	18	54	39	32	21	50	25	47	22	39	26	27	6	47	25	58	26	34	23	35	24	37	16	43	24
13....	50	20	37	16	43	17	32	16	35	16	30	10	41	23	33	5	49	18	57	16	46	20	40	16	37	17	45	20
14....	54	13	39	18	52	19	43	17	41	14	41	12	47	24	36	7	52	23	57	12	53	27	49	29	42	24	49	25
15....	56	12	51	14	59	9	53	19	50	26	52	19	58	26	45	13	62	28	64	20	63	30	58	25	61	18	56	22
16....	64	19	59	22	67	17	60	19	65	38	56	19	66	19	51	22	72	28	62	19	68	32	59	30	67	23	72	26
17....	66	23	56	31	56	22	52	23	70	36	53	28	56	28	50	27	63	33	60	22	54	36	55	37	55	31	61	21
18....	66	33	60	27	67	30	65	22	66	24	62	22	64	21	53	24	69	20	70	20	29	66	28	60	29	64	23	
19....	64	30	62	29	65	23	35	63	25	62	32	68	34	39	33	62	42	65	32	68	39	55	37	55	33	68	45	
20....	69	34	56	34	68	38	57	36	64	32	65	36	64	27	57	29	69	34	66	32	68	30	66	37	56	32	68	34
21....	68	34	68	32	77	39	56	34	74	45	61	37	70	38	38	29	65	32	60	30	78	39	54	39	62	41	77	40
22....	60	30	64	32	72	31	63	29	67	34	62	34	54	35	46	29	42	32	62	29	63	39	49	38	57	37	62	44
23....	58	33	52	35	65	37	54	34	64	34	60	29	50	37	42	29	50	42	66	31	54	39	44	35	41	32	57	42
24....	66	41	44	35	45	41	58	36	46	38	62	39	57	42	49	29	61	40	68	36	66	36	61	33	60	31	62	35
25....	68	30	60	37	67	40	68	29	66	38	67	34	68	32	59	28	76	33	69	29	78	35	66	34	70	31	75	37
26....	70	34	71	37	78	28	73	33	70	38	74	32	76	35	60	34	78	38	67	28	72	39	64	39	71	37	75	38
27....	77	35	70	44	79	37	65	41	74	40	68	46	74	44	51	36	68	42	60	27	57	34	60	29	54	23	73	48
28....	70	40	69	35	77	41	66	35	75	44	70	40	47	35	46	29	41	35	58	29	37	30	38	28	53	27	50	34
29....	70	35	46	25	40	38	42	32	52	34	61	27	40	32	42	27	48	36	60	30	47	27	55	21	47	25	54	25
30....	66	39	33	25	41	30	42	32	38	32	39	26	45	35	42	31	52	34	64	31	52	28	53	29	53	23	54	24
Mns.	61.2	26.7	54.8	28.0	61.3	29.1	54.5	28.2	56.6	29.8	56.3	27.6	55.2	29.0	44.6	23.9	56.9	29.6	62.5	26.9	53.5	28.6	50.7	28.7	50.6	24.9	54.6	27.6

Date.	Montana.				North Dakota.							South Dakota																
	Miles City.		Poplar.		Berthold Agency.		Bismarck.		Dickinson.		Jamestown.		Williston.		Aberdeen.		Huron.		Kadoka.		Kimball.		Lemmon.		Pierre.		Rapid City.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	59	29	36	23	28	20	28	20	29	23	30	16	27	23	35	19	33	24	47	27	33	24	32	23	34	29	50	28
2....	37	32	32	20	25	17	26	19	25	18	32	24	23	17	29	21	33	28	35	26	35	27	30	20	35	29	30	26
3....	38	24	27	18	32	32	33	25	33	21	30	26	25	20	34	25	31	28	37	27	30	26	32	24	32	29	30	26
4....	42	28	38	23	36	21	30	26	29	23	36	23	34	24	33	26	34	28	35	27	30	25	34	28	37	26	36	26
5....	30	24	34	9	29	17	30	15	28	14	31	22	28	14	37	18	38	26	33	26	30	26	29	20	36	39	39	19
6....	48	18	44	8	37	12	35	15	37	6	37	15	36	16	38	16	43	19	49	9	45	15	43	21	44	14	49	14
7....	48	30	40	20	35	18	37	24	34	10	36	18	35	24	44	23	50	25	52	25	43	25	50	27	45	29	52	22
8....	67	24	65	20	56	15	55	21	59	17	42	20	58	20	53	20	52	21	63	17	57	18	60	20	55	22	62	22
9....	76	33	74	29	72	31	71	28	60	31	72	35	64	25	63	29	74	40	64	29	74	37	71	32	75	35	73	35
10....	68	48	61	34	67	35	72	35	70	34	69	32	67	35	75	42	69	41	76	41	71</							

TABLE 3.—Maximum and minimum temperatures at selected stations, April, 1911. District No. 6—Continued.

Date.	South Dakota.				Colorado.				Nebraska.																			
	Sioux Falls.		Watertown.		Yankton.		Denver.		Wray.		Alma.		Bridgeport.		Grand Island.		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		Omaha.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	40	25	37	16	35	24	71	46	76	24	62	25	71	35	56	28	69	28	56	31	44	30	64	24	35	25	37	26
2.....	38	27	30	23	45	28	72	47	78	35	67	34	67	20	54	36	62	28	74	39	63	34	50	32	48	28	54	33
3.....	36	24	28	24	31	28	53	28	58	30	35	31	48	30	42	30	34	26	39	32	37	31	35	30	31	28	37	32
4.....	37	28	33	24	34	30	60	30	51	30	39	31	57	28	36	30	45	26	36	32	36	33	41	28	34	29	35	33
5.....	36	24	38	24	40	30	65	30	70	35	69	29	58	26	56	30	44	23	68	30	64	33	57	29	40	24	60	34
6.....	43	22	35	14	37	20	52	24	54	27	51	29	55	19	50	26	48	9	48	31	44	31	46	23	35	20	40	30
7.....	36	28	37	20	41	29	50	34	56	28	52	34	48	26	50	28	48	24	46	27	54	29	54	28	42	23	52	22
8.....	42	22	45	21	46	26	63	29	63	18	60	24	62	13	61	26	60	18	57	27	52	29	61	19	51	24	48	32
9.....	57	32	55	27	58	31	66	37	74	37	64	29	72	34	62	33	62	30	60	31	63	35	58	27	57	30	63	30
10....	59	39	64	39	66	43	61	40	73	31	75	45	67	31	70	44	70	33	63	47	67	71	33	68	40	64	46	64
11....	60	40	58	41	72	47	67	32	76	30	75	42	70	23	77	46	68	27	72	43	73	48	72	32	73	47	68	46
12....	65	42	50	43	59	36	58	27	69	42	79	55	58	24	80	53	61	28	83	51	82	41	70	32	68	36	72	43
13....	55	30	48	27	49	32	45	25	55	21	60	31	46	12	60	33	44	15	55	39	58	36	58	25	54	32	54	38
14....	50	23	48	24	58	28	40	23	50	17	53	22	53	22	60	22	50	14	59	28	60	20	53	24	58	24	58	34
15....	57	32	54	30	62	34	54	26	68	20	66	25	58	12	67	26	58	18	65	29	65	31	62	18	64	25	63	38
16....	76	38	61	29	72	35	66	31	71	24	76	25	70	12	76	33	69	14	75	27	75	35	72	20	74	27	74	41
17....	60	40	77	32	75	48	64	38	72	42	68	42	65	20	69	44	70	27	64	44	72	46	67	43	74	33	72	51
18....	63	30	64	42	60	42	66	40	65	34	66	42	65	32	64	45	65	28	69	60	67	46	63	39	63	42	63	50
19....	72	49	62	35	66	36	72	37	68	25	67	32	65	20	65	36	60	20	67	37	67	33	65	25	65	32	65	42
20....	74	37	68	38	67	39	69	40	63	28	70	39	67	26	70	37	63	25	70	40	68	33	68	40	67	33	68	46
21....	75	39	64	35	73	36	75	48	81	39	77	36	78	31	78	36	75	30	76	35	76	40	73	34	75	31	74	47
22....	70	37	61	32	60	38	71	38	76	41	67	50	73	35	62	48	72	34	62	48	63	46	67	45	61	41	63	45
23....	68	30	64	32	62	38	57	43	66	43	60	42	60	40	64	40	68	44	67	40	64	39	57	43	64	41	64	42
24....	75	30	65	31	66	35	58	41	64	40	62	46	63	40	66	48	63	39	64	32	64	33	53	40	69	30	64	43
25....	69	39	62	35	59	47	62	41	61	38	67	45	65	40	66	44	60	37	69	41	68	42	49	41	62	46	64	44
Mns..	58.6	33.7	54.3	31.6	57.3	36.1	61.9	35.8	65.5	32.8	64.9	36.5	61.8	27.8	63.6	37.6	59.9	28.0	64.0	37.9	63.2	38.8	59.9	32.5	59.1	33.9	60.7	41.2

Date.	Valentine, Nebr.	Iowa.				Kansas.								Missouri.								Unionville.					
		Clarinda.		Sibley.		Sioux City.		Colby.		Concordia.		Salina.		Topeka.		Wakeeney.		Columbia.		Kansas City.		St. Louis.		Unionville.			
		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	39	30	38	30	44	18	36	25	77	22	57	30	55	30	55	34	68	26	48	30	52	33	47	34	48	28	52
2.....	36	27	54	30	30	18	43	29	83	37	80	39	86	45	81	39	84	43	69	36	78	38	62	37	44	30	72
3.....	32	27	40	32	30	25	34	29	48	27	39	34	50	38	44	37	59	30	43	36	40	36	49	40	36	32	76
4.....	36	24	37	32	32	25	34	31	45	29	38	33	41	36	40	35	41	30	47	39	41	34	45	38	39	32	76
5.....	39	23	48	32	37	26	41	32	74	30	71	34	73	36	59	37	76	32	55	37	53	36	56	41	50	32	72
6.....	43	12	45	32	40	19	34	22	54	28	53	36	59	37	58	36	61	31	63	36	58	36	74	41	44	34	74
7.....	48	26	48	31	36	17	42	25	64	29	50	29	50	33	51	31	51	29	49	33	49	31	46	32	52	20	52
8.....	60	18	47	22	43	18	45	27	64	23	58	29	53	27	55	36	60	30	53	39	53	34	40	53	24	53	
9.....	63	39	53	24	55	25	55	29	68	63	61	30	68	25	59	31	64	30	53	31	55	37	53	35	55	25	55
10....	70	40	47	28	62	29	64	34	74	34	70	46	70	47	65	48	76	43	62	39	63	47	60	41	60	26	76
11....	70	36	52	44	60	39	64	44	77	36	75	45	80	46	76	50	76	41	54	48	73	48	54	49	54	42	72
12....	57	27	53	44	50	39	53	39	74	35	86	42	86	58	78	53	86	52	78	48	73	53	62	42	73	42	72
13....	47	21	54	37	50	32	51	34	57	23	60	37	80	37	59	41	65	28	66	45	66	43	72	47	55	43	76
14....	53	20	56	30	66	25	58	31	50	19	58	35	56	36	53	36	58	25	53	40	53	37	53	45	55	32	76
15....	60	25	61	30	56	25	61	35	65	25	66	34	64	26	66	35	60	31	62	35	63	39	62	43	60	30	76
16....	71	23	75	29	71	28	72	38	76	25	75	39	76	32	74	40	73	33	70	35							